Honeywell Black™

CALNVR-2016B
CALNVR-2024B

Honeywell

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2 SATA 16-/24-Channel High Resolution Network Video Recorder

Honeywell Black™ CALNVR-2016/2024B series is an easy to use network recording solution designed for small-scale surveillance. Supporting 5M / 3M / 1080P / 960P outstanding real-time recording resolution, 1080P HDMI & VGA output, H.264 video compression, and compatibility with 1.3 Megapixel IP cameras, this NVR series optimizes recording quality to provide outstanding video performance at an economical price.

The user-friendly operation interface with button panel allows users to live view, record, playback, back up and remotely control the system simultaneously. Embedded with 2 SATA interface to support 4TB HDD each slot, the maximum storage capacity of the CALNVR-2016/2024B is up to 8TB. Extra storage is available through USB interface .

The CALNVRView mobile view APP allows a quick remote access and control to CALNVR-2016/2024B via your mobile phone. Free DDNS server service is available to support remote control of the NVR. The CALNVR-2016/2024B also comes with a free CMS software CAL-CMS200 which provides rich functions such as video management, user management, storage, video output, etc.

ONVIF

Driving IP-based physical security through global standardization

Market Opportunities

Featuring real-time recording up to 5M / 3M / 1080P / 960P resolution, the CALNVR-2016/2024B series is an ideal solution for high definition surveillance. This easy-to-configure and easy-to-operate NVR series is ideal for small scale installations such as in retail stores, dispensaries, clinics, offices or hotels.

FEATURES

- Button-panel interface for easy operation
- Multiplex recording schedule options: manual, alarm, motion detection, timing
- Multiplex operation: live view, record, play back, backup and remotely control the system simultaneously
- HDMI and VGA output simultaneously at up to1080P resolution
- H.264 High profile decoding
- 2 SATA HDD interface: 4TB storage capacity for each slot
- ONVIF 2.0 compliant
- Support remote control through DDNS service by free of charge
- On-line user view: maximum 6 users simultaneously
- CALNVRView: free Android and Apple app for remote playback, record and snapshot through mobile phone
- Multiple network monitoring: CAL-CMS200 (for PC), CALNVRView (for mobile app), IE Web browser
- Power: DC12V

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SPECIFICATIONS

Model		CALNVR-2016B	CALNVR-2024B
System	Operating System	Embedded LINUX	
	System Resources	Simultaneous multi-channel live view, real-time recording, playback, network operation, remote access, USB backup	
Interface	User Interface	Support 16-bit true color graphical menu interface and mouse operation	
	Preview Screen	1 / 4 / 8 / 16 Windows	1 / 4 / 8 / 16 / 24 / 32 Windows
Video	IP Video Input	16 channels	24 channels
	Video Standards	PAL (625 line, 50f/s), NTSC (525 line, 60f/s)	
	Video Compression	H.264 High profile	
	Display Quality	VGA & HDMI: HD (support 1920 x 1080, 1280 x 720, 1440 x 900, 1280 x 1024, 1024 x 768, 800 x 600)	
	Play Quality	3 Megapixel / 1080P / 720P	
	Video Access	4 channels 3M / 8 channels 1080P / 16 channels 720P	8 channels 5M / 16 channels 3M / 24 channels 1080P / 32 channels 960P
	Motion Detection	Support	
Audio	Audio Compression	G.711A	
	Bidirectional Talk	Support	
Record & Playback	Record Mode	Manual / Alarm / Video Detection / Timing	
	Local Playback	1 channel 3M / 2 channels (1080P) / 4 channels 720P real-time	2 channels 5M / 4 channels 3M / 4 channels 1080P / 8 channels 960P real-time
	Search Mode	Time / Date / Alarm / Motion Detection / Exact Search (search by second)	
Storage & Backup	Space Occupation	Video: 1080P 80G / Day / Channel, 720P 26G / Day / Channel, 960H 24G / Day / Channel, D1 16~20G / Day / Channel, Audio: 691.2M / Day / Channel	
	HDD Redundancy	Support redundancy and partition	
	Record Storage	HDD, network	
	Backup Mode	Network backup, USB HDD, USB writer, SATA writer	
Interface	Video Input	RJ45	
	Video Output	1channel VGA output, 1channel HDMI	
	Audio Input	1channel RCA	
	Audio Output	1channel RCA	
	Alarm Input	N/A	
	Alarm Output	N/A	
	Net Interface	1 RJ45 10M / 100M self-adaptive Ethernet interface	1 RJ45 10M / 100M / 1000M self-adaptive Ethernet interface
	PTZ Control	1 RS485, support 18 kinds of PTZ protocols	
	USB Port	2 USB 2.0 port for mouse, backup, burning and upgrading	
	HDD Interface	2 SATA, max.4T each	
General	Power Supply	12V/4A	
	Operating Temperature	0°C - +55°C	
	Operating Humidity	10%-90%	
	Dimensions	350 (D) x 295 (W) x 44 (H) mm	
ONVIF		ONVIF Ver. 2.0	
CMS		CAL-CMS200	
Mobile View APP		CALNVRView for iPhone, iPad, Android	
Certification		CE, FCC, C-Tick	

Note: Honeywell reserves the right, without notification, to make changes in product design or specifications.
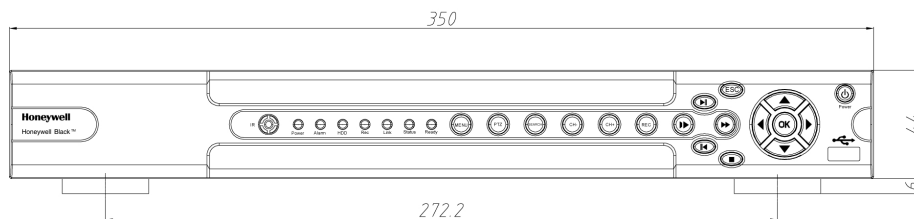
CALNVR-2016B
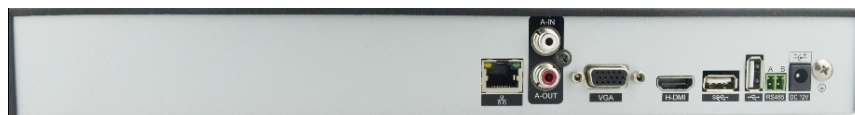# CALNVR-2024B

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DIMENSION

FRONT PANEL:

REAR PANEL:

CALNVR-2016B

CALNVR-2024B

ORDERING

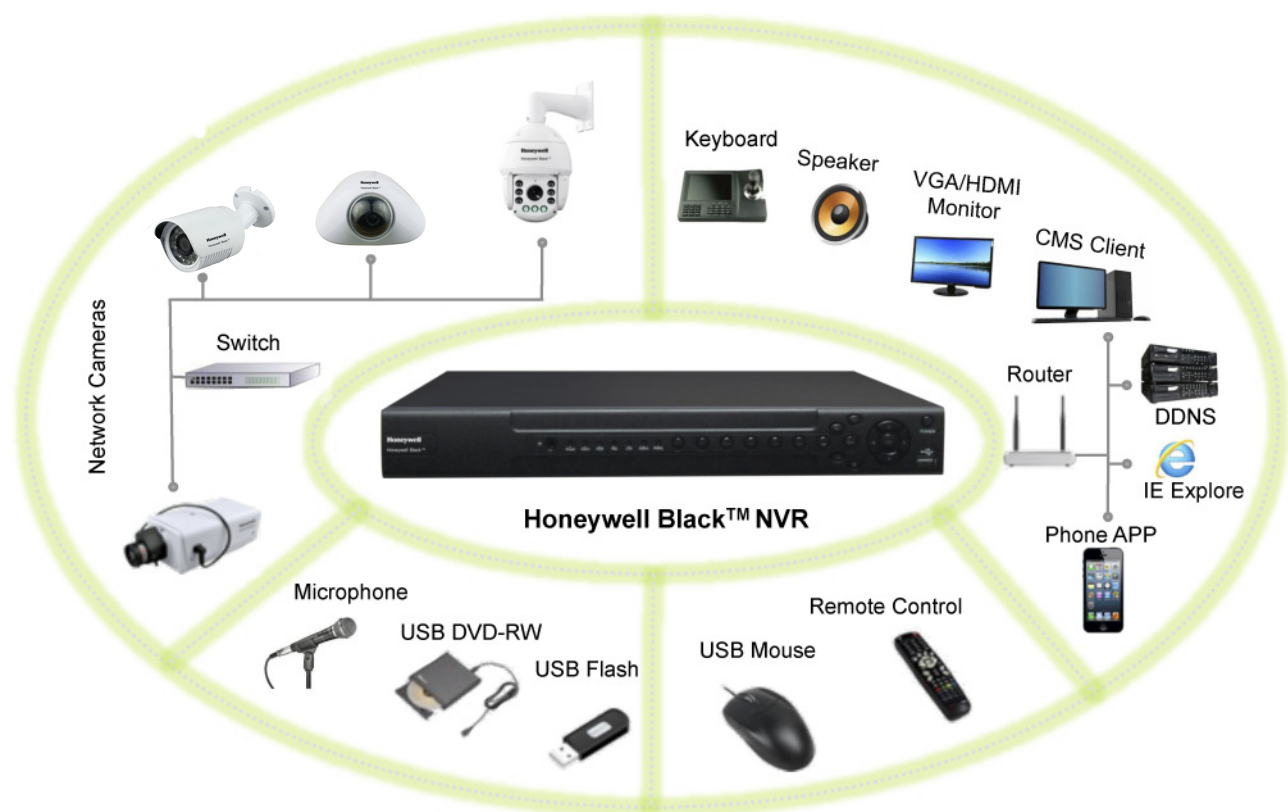| CALNVR-2016B | 16-channel 720P NVR, 2 HDD SATA Slot. max 8TB, DC12V, ONVIF |
| CALNVR-2024B | 24-channel 1080P NVR, 2 HDD SATA Slot , max 8TB, DC12V, ONVIF |

PACKAGE

Qty	Components
1	CALNVR-2016B/2024B NVR
1	Power Adapter
1	Warranty Card
1	Software CD
1	USB Mouse
1	Install Screws
1	Remote Controller
1	User Manual

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Video Recorder

SYESTEM DIAGRAM

For more information:

Security East Asia	Tel: (852) 2405 2323
Security Pacific	Tel: 1300 234 234
Security India	Tel: (91) 124 4975000
Security Middle East & N.Africa	Tel: (971) 4454 1704
Security Russia	Tel: (7) 495 7979371
Security China	Tel: (86) 400 8800 330
Security Korea	Tel: (82) 2799 6114

www.black.honeywell.com
security.black@honeywell.com

Honeywell Security Group
Automation & Control Solutions
Honeywell International Inc.
www.security.honeywell.com

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